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ISPyB status at Elettra

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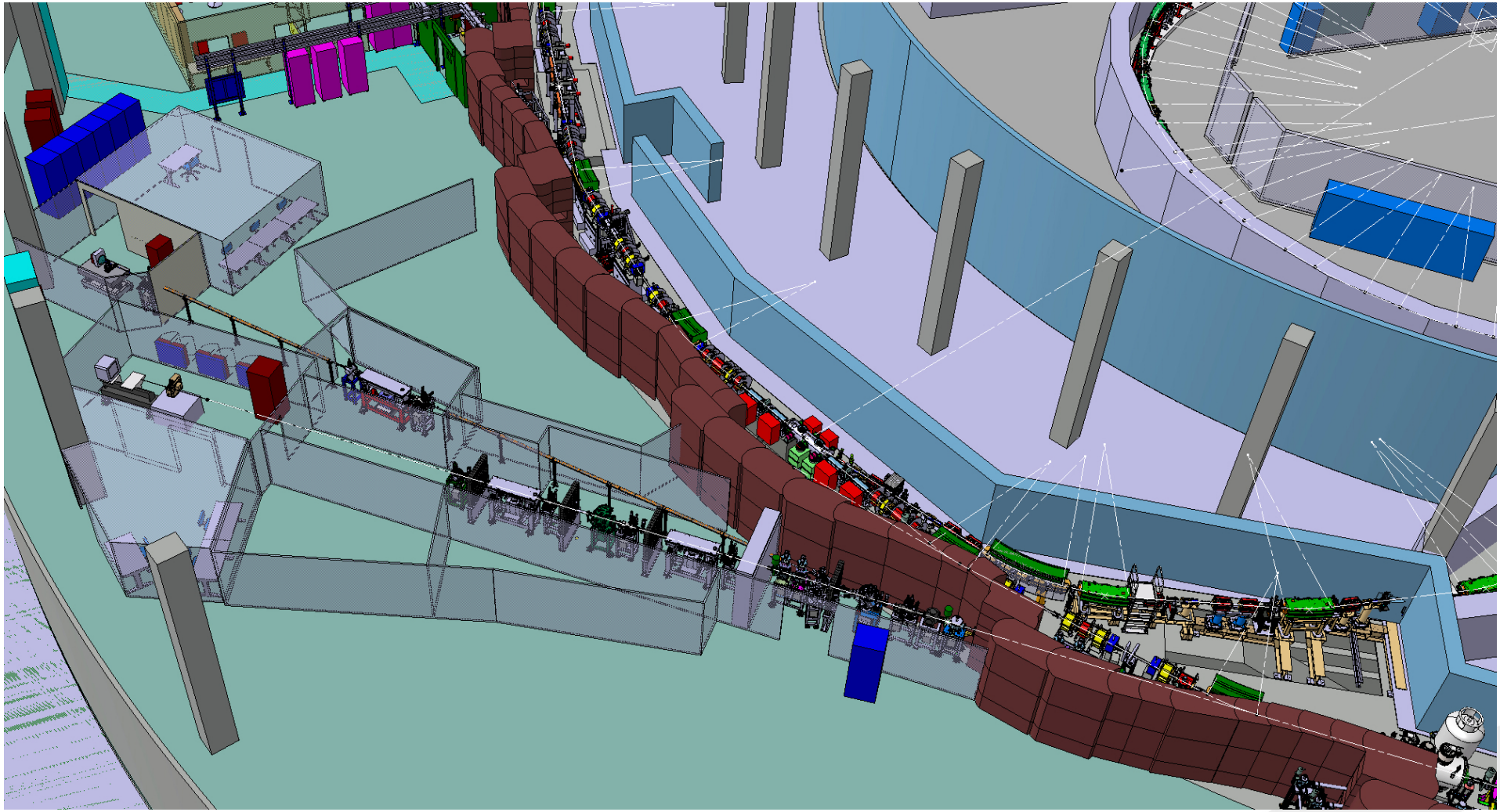
XRD2 beamline



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XRD2 beamline HW

- Arinax MD2
- Pilatus 6M
- In-house developed sample changer with Staubli TX60 robotic arm

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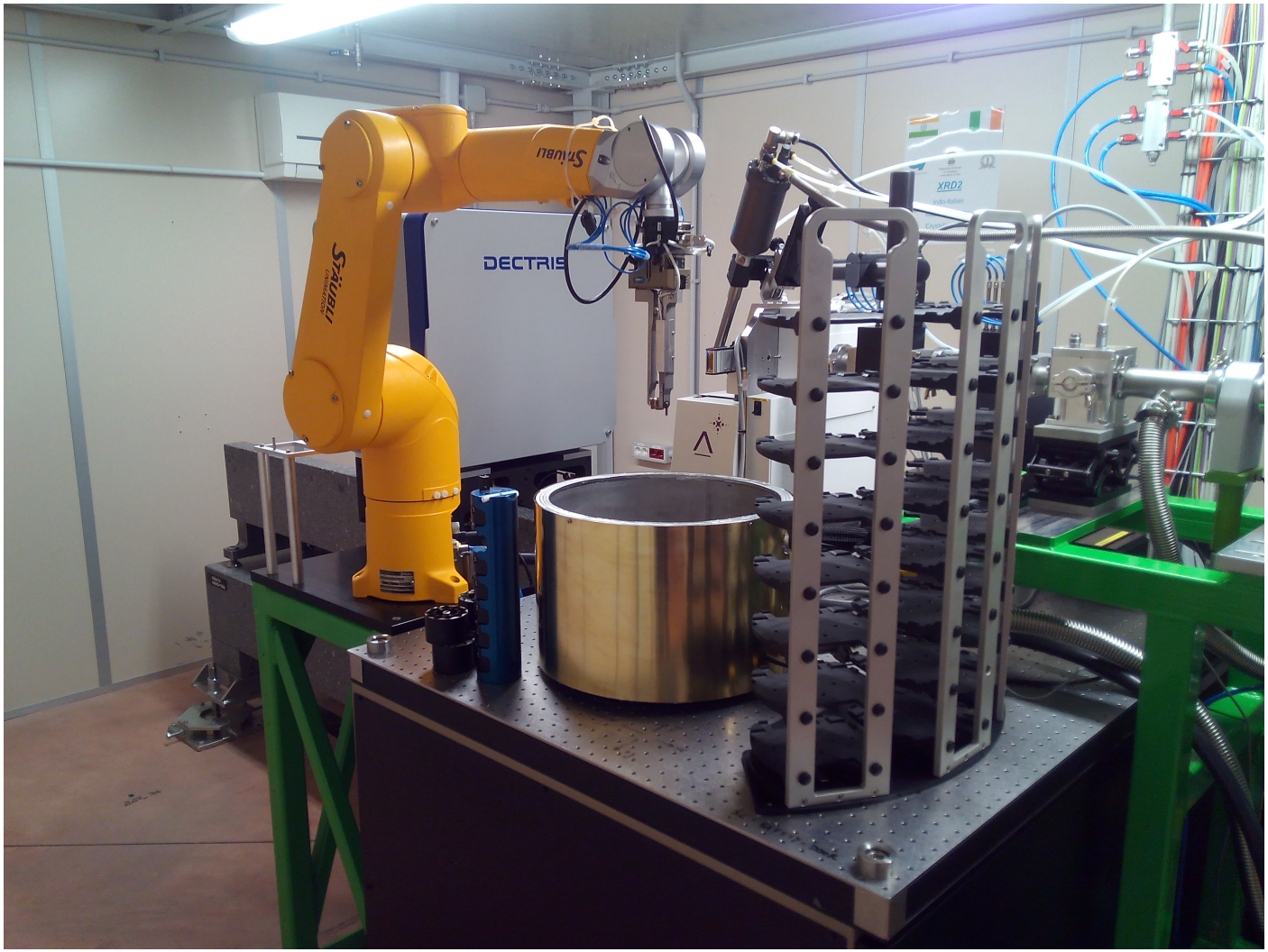
XRD2 sample changer



- Grippers for different types of sample holders:
- Unipuck
- ESRF-like puck
- Crystallization tray
- Working, not yet integrated

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ISPyB installation

- ✓ Linux machine – CentOS 7.3
- ✓ Java SDK8 – Oracle
- ✓ Wildfly 8.2.1 Final
- ✓ Tried with Oracle XE –11:
  - Converted the db scripts
  - Serious issue arose: 'ORA-00972 identifier too long'
- ✓ Switched to MariaDB 5.5.2
  - Very simple installation, worked at the first attempt
- ✓ After adding our profile identifier to maven settings, the maven build and deploy went smooth
- ✓ Current status: sorting out problems with the LDAP authentication

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ISPyB – some issues

- ✓ ISPyB starts without errors but… we see only a blank page?
  - Redeployed with a different profile (ESRF) – the logon page appears again
  - Looking at the code, we found plenty of blocks that are conditional: `SITE_ATTRIBUTE eq 'FACILITY_ID'` so we added 'ELETTRA' case till the logon page appeared
  - It would be very helpful to have some kind of a block diagram that explains how the software works
  - More debug level logs in ISPyB would also help a lot

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Thank you!

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